

### **WHAT IS CLAIMED IS:**

1. A suspension control device, comprising:

a mechanical switch connected to an electric appliance;

a control cord having an end connected to the mechanical switch; and

5 an electronic sensor having a first side connected to the control cord

and a second side connected to the electric appliance.

2. The suspension control device in accordance with claim 1,  
wherein the control cord is flexible.

3. The suspension control device in accordance with claim 1,  
10 wherein the control cord has a bar-shape.

4. The suspension control device in accordance with claim 1,  
wherein the electronic sensor is mounted on the control cord.

5. The suspension control device in accordance with claim 1,  
wherein the electronic sensor is connected to the mechanical switch in a  
15 parallel manner, so that the electronic sensor and the mechanical switch can  
produce a control signal to the electric appliance synchronously.

6. The suspension control device in accordance with claim 1,  
wherein the electronic sensor is a photoelectric type sensor.

7. The suspension control device in accordance with claim 1,  
20 wherein the electronic sensor is a static electric type sensor.

8. The suspension control device in accordance with claim 1,  
wherein the electronic sensor is a capacitance type sensor.

9. The suspension control device in accordance with claim 1,  
wherein the electronic sensor is a resistance type sensor.

10. The suspension control device in accordance with claim 1,  
wherein the electronic sensor is an electric current type sensor.

5 11. The suspension control device in accordance with claim 1,  
wherein the electronic sensor is a piezoelectric type sensor.

12. The suspension control device in accordance with claim 1,  
wherein the electronic sensor is a vibration type sensor.

10 13. The suspension control device in accordance with claim 1,  
wherein the electronic sensor is a thermal sensitive type sensor.

14. The suspension control device in accordance with claim 1,  
wherein the electronic sensor is a magnetic type sensor.